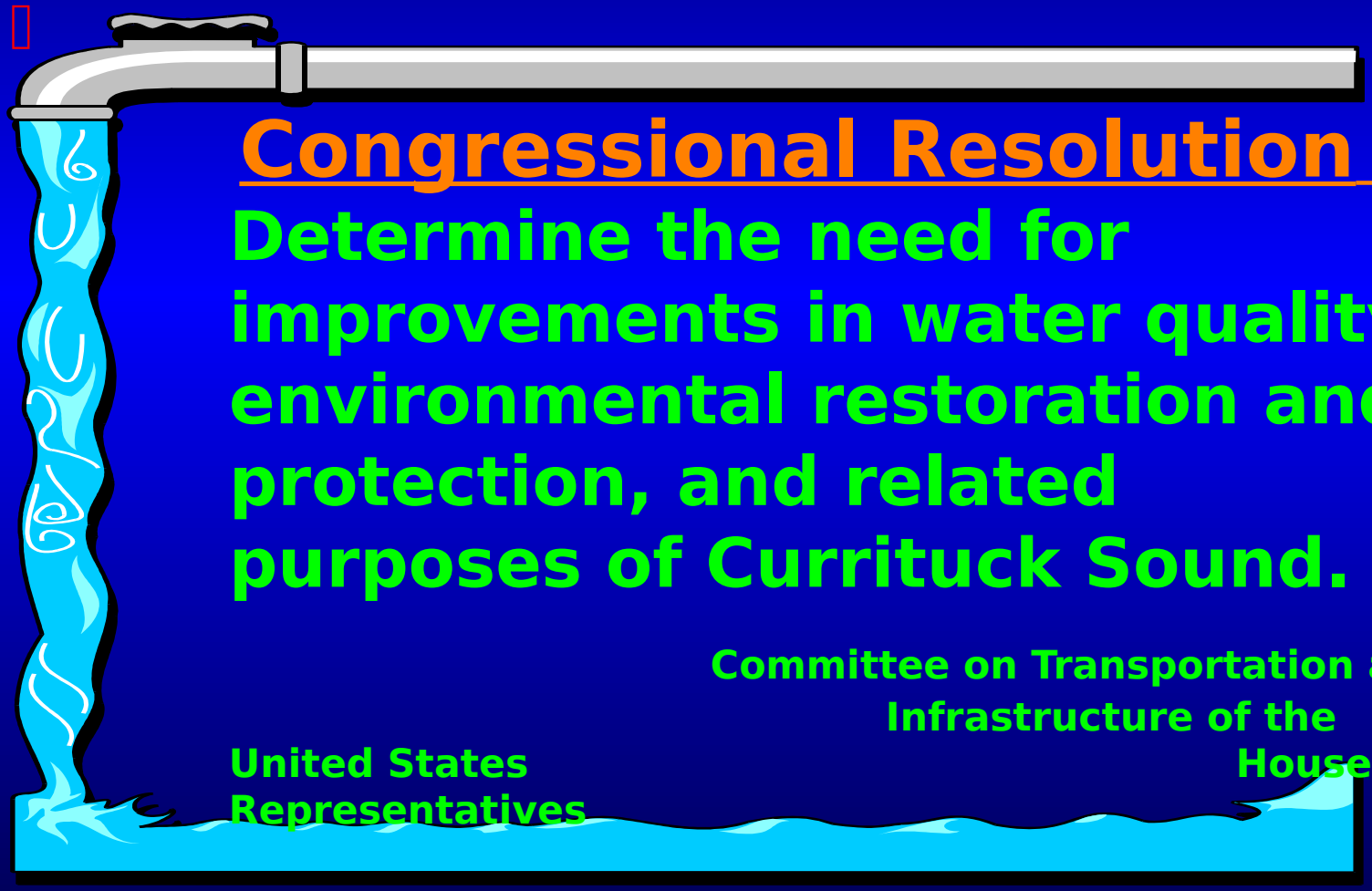
Currituck Sound

Project Delivery Process

U.S. Army Corps of Engineers

Study Authorization:



Congressional Resolution – Determine the need for improvements in water quality, environmental restoration and protection, and related purposes of Currituck Sound.

Committee on Transportation and Infrastructure of the House of Representatives

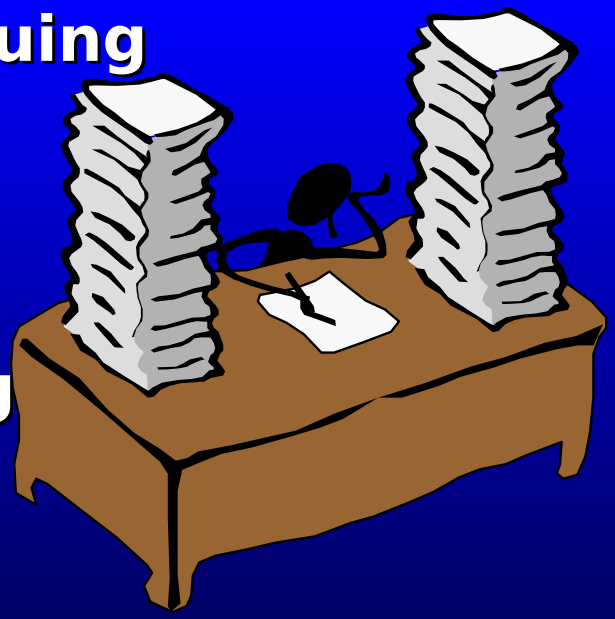
United States

Currituck Sound – General Investigation:

- **Specific Congressional Authorization**
  - Generally for larger, complex projects
    - 100% Federally funded reconnaissance phase
    - 50/50 cost shared feasibility phase
    - 75/25 cost shared Preconstruction engineering & design phase
    - Cost shared construction

PURPOSES OF RECONNAISSANCE STUDY:

1. Define water resources problems and identify potential solutions
2. Decide whether there is a Federal interest in continuing into feasibility studies
3. Identify a local sponsor
4. Prepare a Project Manag Plan (PMP)



Guidance: What it says!

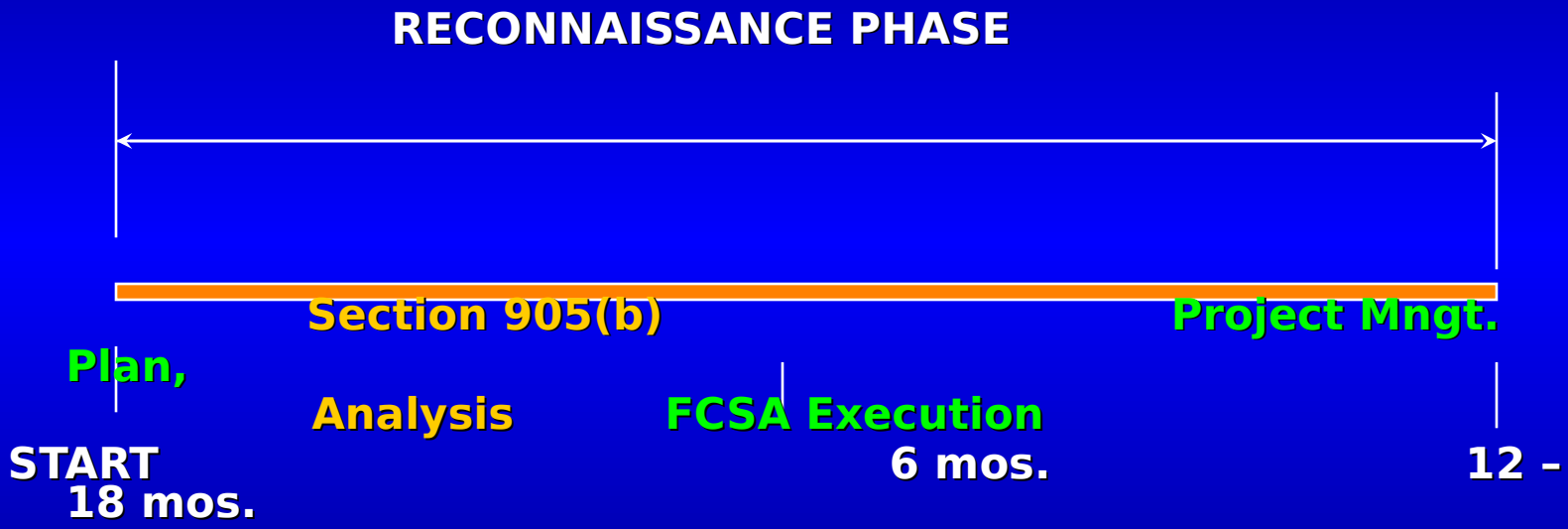
- Most effort should be devoted to preparation of PMP.
- Goal is to execute FCSA within 12 months.
- Generally, $100,000 in cost!
- Recon recommendation shall be based on professional and technical judgement.
- No detailed tasks.
- A Section 905(b) Analysis is prepared.

Section 905(b) Analysis

Currituck Sound

- Study Authority and Purpose
- Summary of Federal Interest
- Findings and Recommendations
  - Decline in aquatic resources
  - Hydrodynamic Flow Model Needed
  - Potential Alternatives (structural and nonstructural)
    - Modifications to existing channels
    - Saltwater barriers
    - Land use modifications

Recon Timeline



Feasibility Study Purposes:

- Describe and evaluate alternative plans
- Describe in detail the recommended plan
- Develop a fully-funded baseline cost of the project
- Prepare a feasibility report & NEPA document

Feasibility Report Purposes:

- Serves as a Decision Document to convince the Office of Management and Budget (OMB) of project viability

- Is an Authorization Document and is submitted to Congress for project authorization

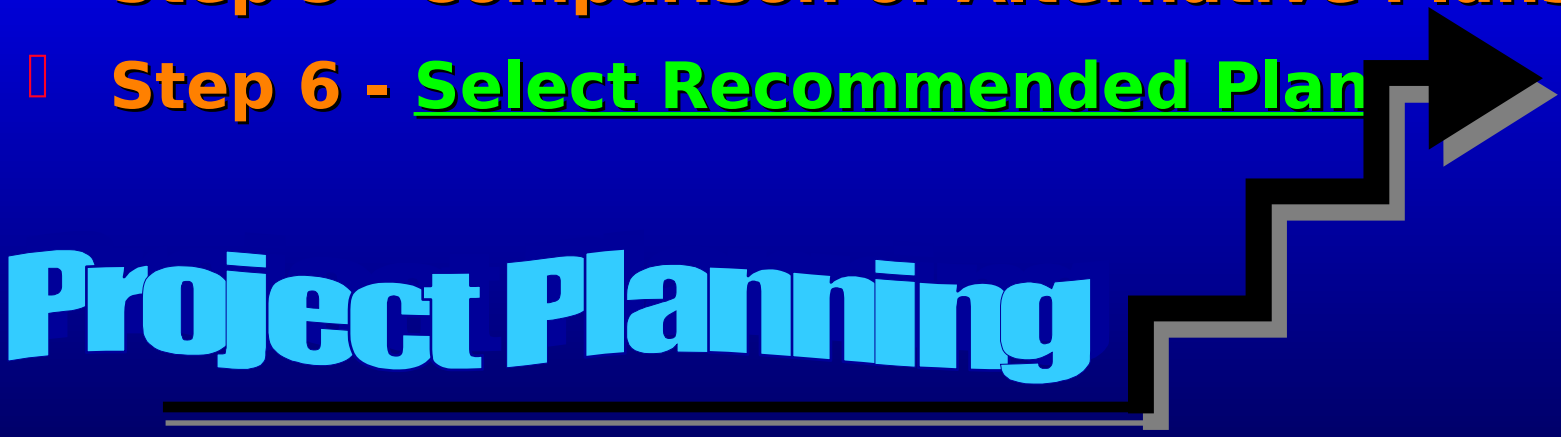
Feasibility Phase - Cost Sharing:

- Feasibility phase is cost shared equally
  between the Federal (Corps) and the
  non-Federal sponsor(s)

Planning Process
Principles and Guidelines

Six Steps in Planning Process:

- Step 1 - Problems and Opportunities
- Step 2 - Inventory and Forecast Resources
- Step 3 - Formulating Alternative Plans
- Step 4 - Evaluation of Alternative Plans
- Step 5 - Comparison of Alternative Plans
- Step 6 - Select Recommended Plan



Typical GI Project Timeline